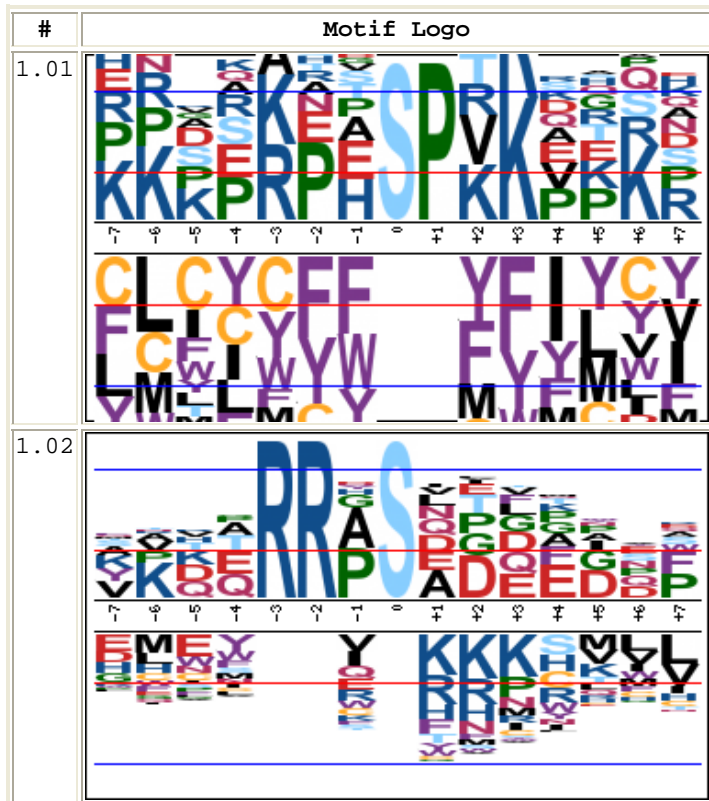


# xxxxmotif-xxxxx

v1.2 10.05.06

## Supplementary Table 1 Yeast Serine and Threonine Phosphorylation Motifs

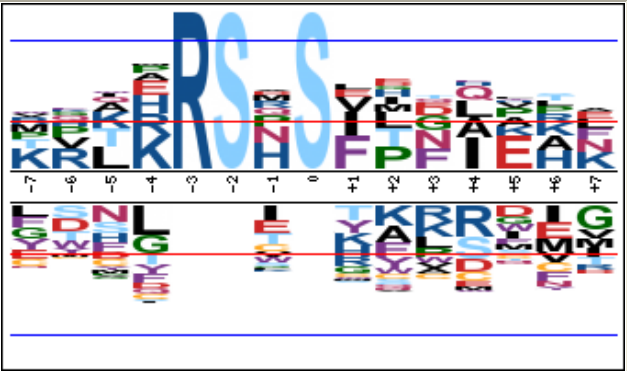
### Serine Phosphorylation Motifs



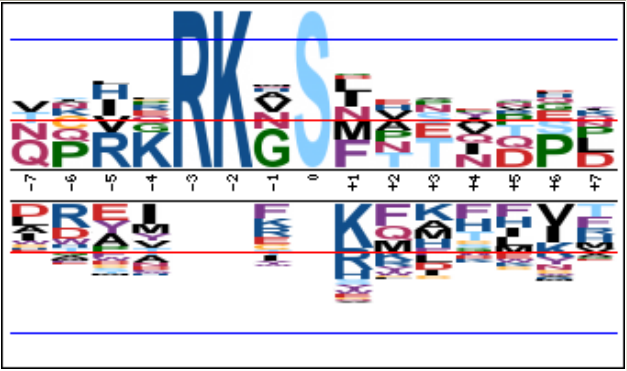
#	Motif	Motif Score	Foreground Matches	Foreground Size	Background Matches	Background Size	Fold Increase	-Log(P) Value
1.01	<u>.....SP.....</u>	324.00	849	3882	9581	234335	5.35	324.0000
1.02	<u>....RR.S.....</u>	297.71	154	3033	661	224754	17.26	130.5078
1.03	<u>....RS.S.....</u>	179.98	119	2879	1093	224093	8.47	67.0843
1.04	<u>....RK.S.....</u>	123.46	79	2760	761	223000	8.39	44.4233
1.05	<u>....R..S.....</u>	79.18	316	2681	7529	222239	3.48	79.1839
1.06	<u>.....SD.E....</u>	114.46	132	2365	1034	214710	11.59	90.8534
1.07	<u>.....SD.D....</u>	86.91	101	2233	887	213676	10.90	67.1109
1.08	<u>.....R.S.....</u>	31.04	210	2132	8511	212789	2.46	31.0430
1.09	<u>.....SE.E....</u>	51.68	75	1922	943	204278	8.45	42.5863
1.10	<u>.R..S..S.....</u>	48.59	83	1847	1174	203335	7.78	44.4705
1.11	<u>.....S..D....</u>	20.12	202	1764	11438	202161	2.02	20.1196
1.12	<u>....K..S.....</u>	16.35	205	1562	13558	190723	1.85	16.3537
1.13	<u>.....S..E....</u>	10.73	145	1357	10572	177165	1.79	10.7252
1.14	<u>...R...S.....</u>	10.83	99	1212	6530	166593	2.08	10.8266
1.15	<u>.....S.....</u>	0.00	1113	1113	160063	160063	1.00	0.0000

Motif search time: 28 seconds

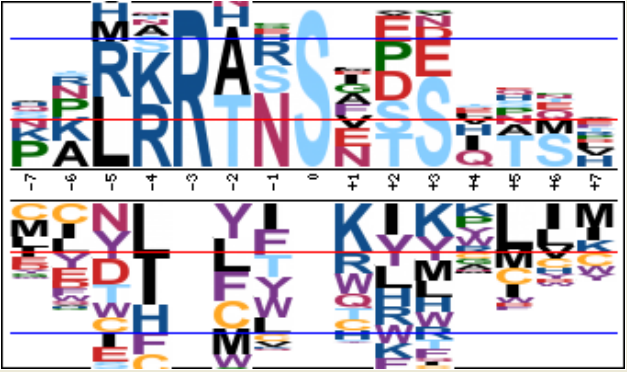
1.03



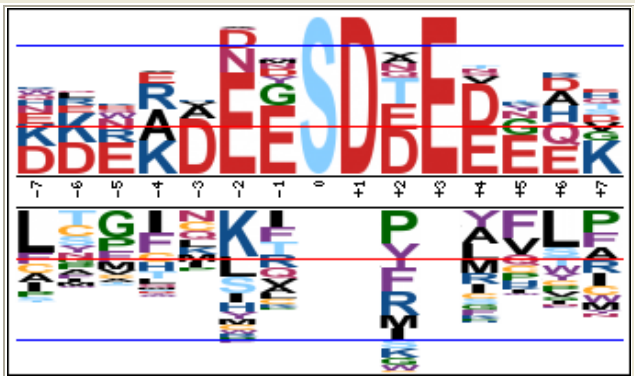
1.04



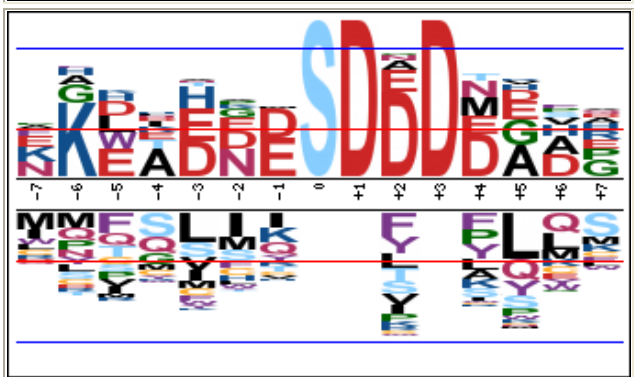
1.05



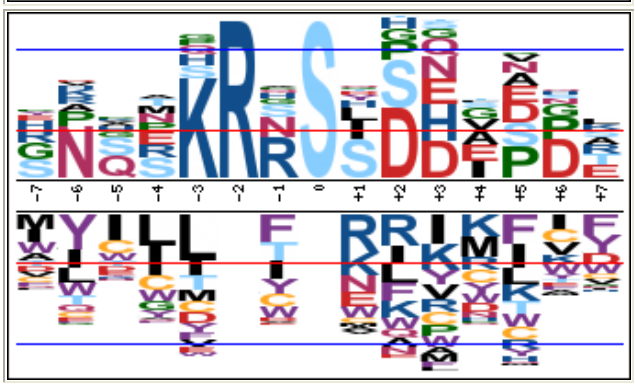
1.06



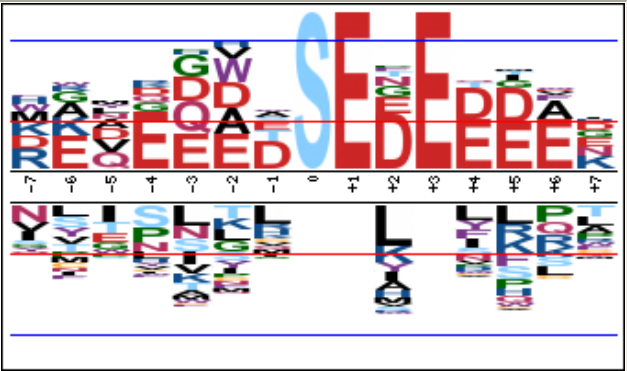
1.07



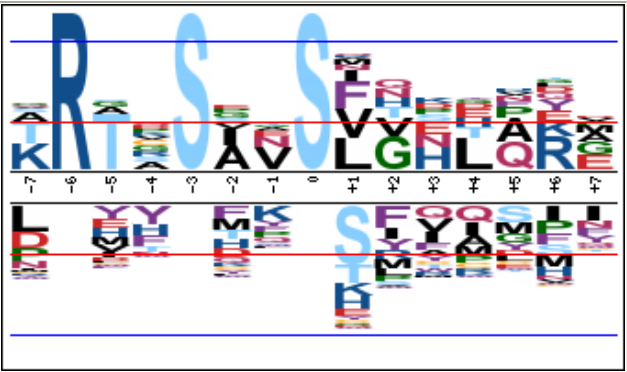
1.08



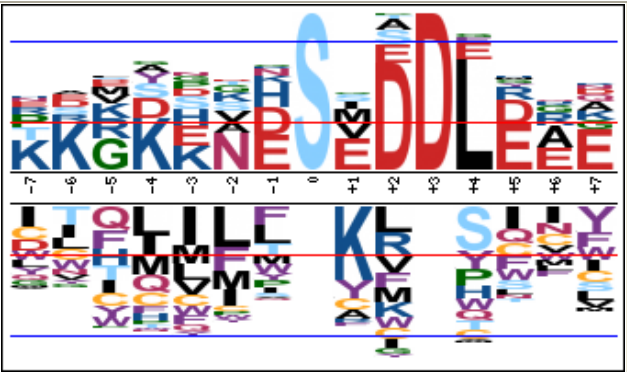
1.09



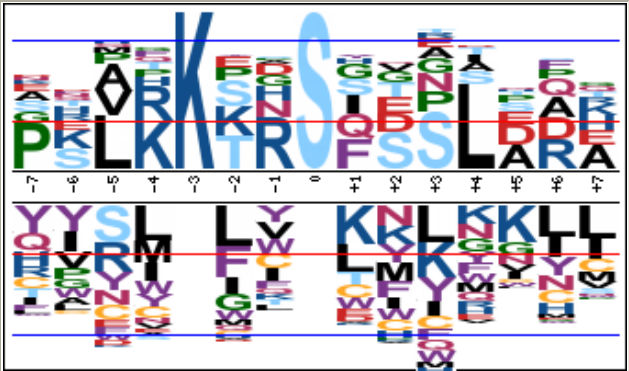
1.10



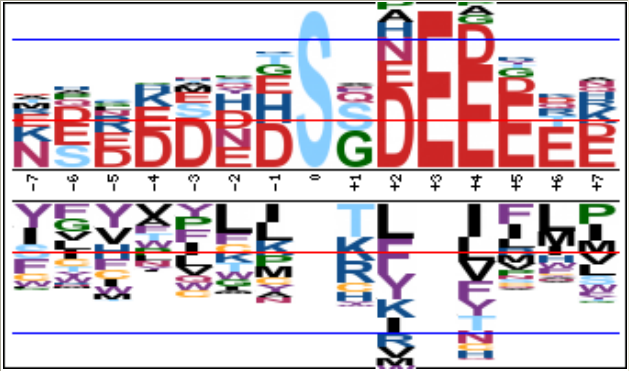
1.11



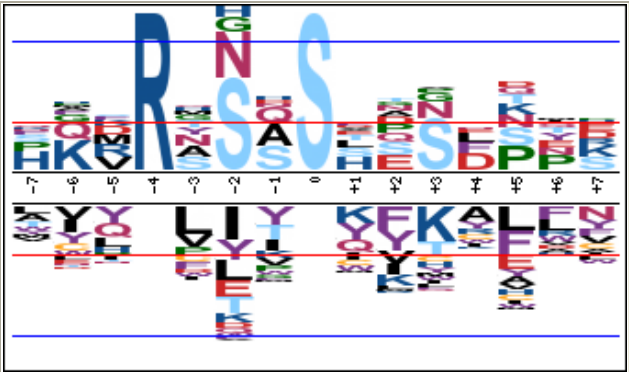
1.12



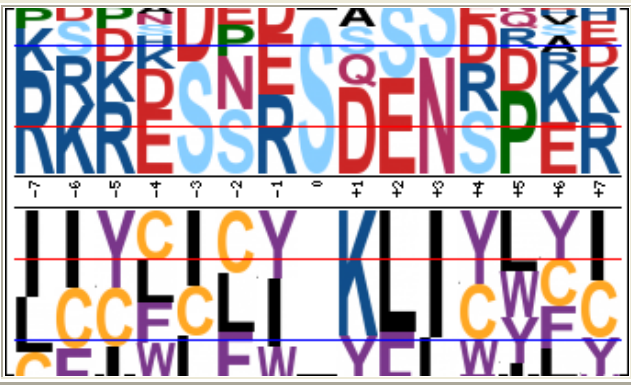
1.13



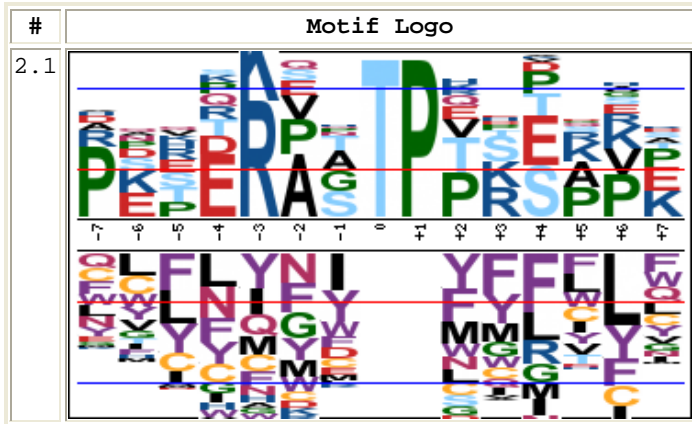
1.14



1.15



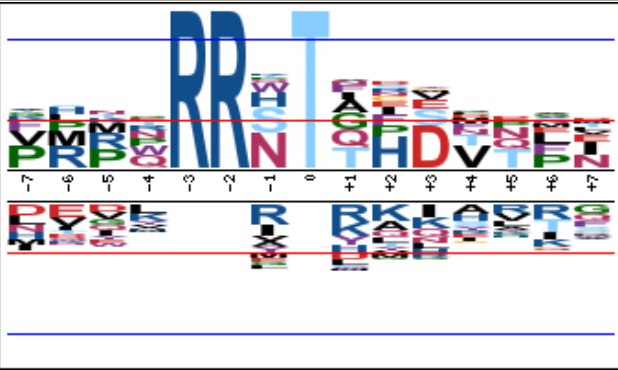
## Threonine Phosphorylation Motifs



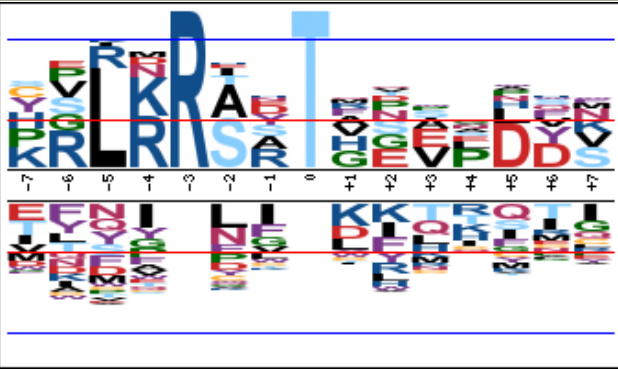
#	Motif	Motif Score	Foreground Matches	Foreground Size	Background Matches	Background Size	Fold Increase	-Log(P) Value
2.1	<u>.....TP.....</u>	155.08	287	833	7630	153975	6.95	155.0784
2.2	<u>....RR.T.....</u>	53.52	32	546	309	146345	27.76	34.3031
2.3	<u>....R..T.....</u>	19.22	71	514	5696	146036	3.54	19.2156
2.4	<u>....K..T.....</u>	10.17	72	443	10013	140340	2.28	10.1693
2.5	<u>.....T.....</u>	0.00	371	371	130327	130327	1.00	0.0000

Motif search time: 11 seconds

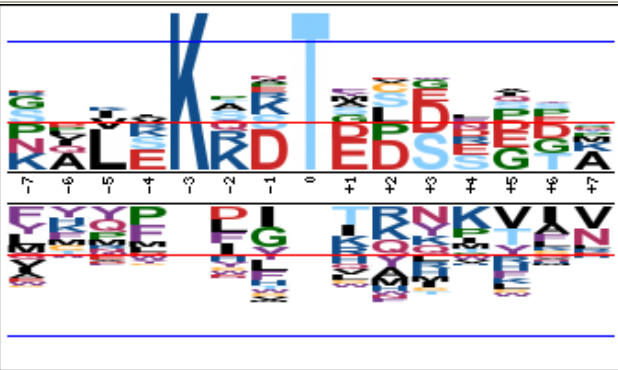
2.2



2.3



2.4



2.5

